

End of Life Cycle E-waste



Programs In Place for Managing WEEE

- Qisda takes the products' recyclability and the difficulty of disassembly into consideration since the start of the product design process. We think about the product composition and avoid using materials or manufacturing processes that make products hard to dismantle, such as bonding, soldering or embedding. Products and samples with plastic components that weigh 25g or above should be labeled with a list of materials, and the plastic components used cannot be composed of more than two kinds of materials.



Microsoft Word
97 - 2003 文件

- Qisda can track WEEE generated from products sold via the customer.
- One of Qisda's customers, which is also a subsidiary, provided us with the actual WEEE recycling rates (Includes only products manufactured by Qisda) for year 2025, which is 89.60%.



Microsoft Excel
工作表

Programs In Place for Managing WEEE

Quantifiable targets to increase the amount of takeback WEEE reused/recycled

- In the middle stages of design, Qisda uses the internal WEEE platform to make product recyclability assessments, and see if the recyclability of the product meets Qisda's basic requirements. The product can only move on to the next stage of the design process after confirmation that the product complies with all necessary requirements.

Qisda's basic requirements are the same with Directive on the Waste Electronics and Electrical Equipment(DIRECTIVE 2012/19/EU).

<https://eur-lex.europa.eu/eli/dir/2012/19/oj/eng>

Category	Re-use & Recycled Rate	Rrecovered Rate
Temperature exchange equipment	80%	85%
Screens, monitors, and equipment containing screens having a surface greater than 100 cm2	70%	80%
Lamps	80%	N/A
Large equipment	80%	85%
Small equipment	55%	75%
Small IT and telecommunication equipment (no external dimension more than 50 cm)	55%	75%

Programs In Place for Managing WEEE

Quantifiable targets to increase the amount of takeback WEEE reused/recycled

- Currently, some states or provinces in the United States and Canada have legislation to set recycling targets for WEEE. Qisda's customers, which is also a subsidiary, sets annual recycling weight targets based on the law and recyclers. For example, in Ontario, Canada, its goal is to regulate in Article 14 (4) of the following law:

<https://www.ontario.ca/laws/regulation/200522/v5#BK24>

With respect to ITT/AV, 55 per cent for the 2021 and 2022 calendar years, 60 per cent for the 2023 calendar year, 65 per cent for the 2024 calendar year and 70 per cent for the 2025 calendar year and for every subsequent calendar year.

Programs In Place for Managing WEEE

Ensure recipients of WEEE have e-waste management standards in place

- According to the feedback from Qisda's customer (also a subsidiary of Qisda), the recipients of WEEE are qualified by the local government. Some of the recipients are certified by additional standards, such as R2, e-Stewards, NAID AAA, CENELEC certification from WEEELABEX, and etc.

Awareness Raising & Training on WEEE Recycling

- For senior R&D personnel, professional improvement courses are provided based on the needs of each business unit or project. After incorporating the relevant knowledge and technology into internal documents and SOPs, the Company distributed courses on this new information to R&D personnel through software platforms. Every year, relevant R&D personnel are also trained to continue constructing advanced green product courses, such as: understanding and interpretation of international regulations, life cycle inventory and evaluation, ecological design, design methods, product disassembly research and analysis, software platform application, and other related courses. Additionally, concepts related to circular economy and the use of recycled materials are incorporated into the course content.
- During the product development phase, R&D personnel will bring the above concepts into development considerations with customers.
- Take Qisda's customer (also a subsidiary of Qisda) as an example. When the product is shipped, it is accompanied by a paper e-waste recycling instruction (optional for download on the official website). The format of each product line is different, but the content is related to the Global Recycling Information on the official website of the United States.

https://esupportdownload.benq.com/esupport/WORK%20&%20ENTERTAINMENT%20DISPLAY/UserManual/BL2201/R_S_G_250421094401.pdf

- The official website of the US business area provides product recycling information.

<https://www.benq.com/en-us/support/recycling/recycling.html>

<https://www.benq.com/en-us/support/recycling/global-recycle.html>

Takeback of waste from WEEE

- One of Qisda's customers, which is also a subsidiary, provided us with the summary of takeback of waste from WEEE.

	Unit	FY 2022	FY 2023	FY 2024	FY 2025
Total weight of WEEE collected from takeback programs	Metric Tonnes	1,614.31	1,288.50	1,194.10	1,344.81
Percentage of takeback WEEE reused / resold / recycled	Percentage	83.08%	86.46%	86.28%	88.04%
Percentage of takeback WEEE disposed / landfilled	Percentage	16.92%	13.54%	13.72%	11.96%



Qisda

Value-Up Solutions